Atherosclerosis, 72 (1988) 253–255
Elsevier Scientific Publishers Ireland, Ltd.

Author Index (Vol. 72)

Aburatani, H., Matsumoto, A., Itoh, H., Yamada, N., Murase, T., Takaku, F. and Itakura, H.
A study of DNA polymorphism in the apolipoprotein B gene in a Japanese population (72) 71
Akopov, S.E., Orekhov, A.N., Tertov, V.V., Khashimov, K.A., Gabrielyan, E.S. and Smirnov, V.N.
Stable analogues of prostacyclin and thromboxane A_2 display contradictory influences on atherosclerotic properties of cells cultured from human aorta. The effect of calcium antagonists (72) 245
Aloia, R.C., see Vrecko, K. (72) 11
Aro, A., see Tuomilehto, J. (72) 157

Baumstark, M., see Berg, A. (72) 49
Berenson, G.S., see Srinivasan, S.R. (72) 1
Berg, A., Frey, I., Baumstark, M. and Keul, J.
Influence of probucol administration on lipoprotein cholesterol and apolipoproteins in normolipemic males (72) 49
Beynen, A.C., see Schouten, J.A. (72) 85
Bhattacharyya, A.K. and Eggen, D.A.
Studies on the mechanism of high intestinal absorption of cholesterol and campesterol in high-responding rhesus monkeys (72) 109
Biffanti, S., see Scannapieco, G. (72) 241
Bolton-Smith, C., Gibney, M.J., Gallagher, P.J., Jewell, R. and Hillier, K.
Effect of polyunsaturated fatty acids of the $n-3$ and $n-6$ series on lipid composition and eicosanoid synthesis of platelets and aorta and on immunological induction of atherosclerosis in rabbits (72) 29
Bondjers, G., Lindén, T., Fager, G., Olofsson, S.-O., Olsson, G. and Wiklund, O.
Aortic intimal lipid content and serum lipoproteins in patients undergoing coronary by-pass surgery as related to clinical prognosis (72) 231
Bondjers, G., see Lindqvist, P. (72) 163
Bräutigam, J., see Lindqvist, P. (72) 163

Calb, M., see Lupu, C. (72) 77
Chang, T., see McNally, W.P. (72) 221
Chapman, M.J., see Meinertz, H. (72) 63
Chonan, N., see Eto, M. (72) 123
Colli, S., see Mosconi, C. (72) 129
Cucuiano, M.
Pseudocholinesterase and lipoproteins (72) 83
Dalferes, Jr., E.R., see Srinivasan, S.R. (72) 1
Dal Palù, C., see Scannapieco, G. (72) 241

Eberle, K., see Srinivasan, S.R. (72) 1
Eggen, D.A., see Bhattacharyya, A.K. (72) 109
Ehnholm, C., see Tuomilehto, J. (72) 157
Eto, M., Watanabe, K., Chonan, N. and Ishii, K.
Familial hypercholesterolemia and apolipoprotein E4 (72) 123

Faergeman, O., see Meinertz, H. (72) 63
Fager, G., see Bondjers, G. (72) 231
Frey, I., see Berg, A. (72) 49
Fujita, H., see Mabuchi, H. (72) 183

Gabbiani, G., see Hansson, G.K. (72) 135
Gabrielyan, E.S., see Akopov, S.E. (72) 245
Gallagher, P.J., see Bolton-Smith, C. (72) 29
Galli, C., see Mosconi, C. (72) 129
Gibney, M.J., see Bolton-Smith, C. (72) 29
Goldstein, S., see Meinertz, H. (72) 63
Görög, P., Pearson, J.D. and Kakkar, V.V.
Generation of reactive oxygen metabolites by phagocytosing endothelial cells (72) 19
Goto, Y., see Saito, Y. (72) 205
Gref, C.-G., see Tuomilehto, J. (72) 157

Hagihara, H., see Nomoto, A. (72) 213
Hansson, G.K., Jonasson, L., Lojsthed, B., Stemme, S., Kocher, O. and Gabbiani, G.
Localization of T lymphocytes and macrophages in fibrous and complicated human atherosclerotic plaques (72) 135
Hara, T., see Saito, Y. (72) 205
Hashimoto, Y., see Sugano, M. (72) 115
Hata, Y., see Saito, Y. (72) 205
Hatano, S., see Tanaka, K. (72) 143
Hayashi, H., see Saito, Y. (72) 205
Helve, E. and Tikkanen, M.J.
Comparison of lovastatin and probucol in treatment of familial and non-familial hypercholesterolaemia: different effects on lipoprotein profiles (72) 189
Hillier, K., see Bolton-Smith, C. (72) 29
Homma, Y., see Saito, Y. (72) 205
Hosoda, Y., see Tanaka, K. (72) 143
Humphries, S.E.
DNA polymorphisms of the apolipoprotein genes – their

0021-9150/88/$03.50 © 1988 Elsevier Scientific Publishers Ireland, Ltd.

use in the investigation of the genetic component of hyperlipidaemia and atherosclerosis (Review article) (72) 89

Imamura, T., see Tanaka, K. (72) 143
Ishii, K., see Eto, M. (72) 123
Ishikawa, T., see Saito, Y. (72) 205
Itakura, H., see Aburatani, H. (72) 71
Ito, H., see Saito, Y. (72) 205
Itoh, H., see Aburatani, H. (72) 71

Jewell, R., see Bolton-Smith, C. (72) 29
Jiao, S., see Matsubara, K. (72) 199
Jonasson, L., see Hansson, G.K. (72) 135
Jori, G., see Scannapieco, G. (72) 241

Kajinami, K., see Mabuchi, H. (72) 183
Kakkar, V.V., see Görög, P. (72) 19
Kanzaki, T., see Saito, Y. (72) 205
Kaprio, E., see Ylä-Herttuala, S. (72) 173
Karttunen, P., see Tuomilehto, J. (72) 157
Keul, J., see Berg, A. (72) 49
Khashimov, K.A., see Akopov, S.E. (72) 245
Kihara, S., see Matsubara, K. (72) 199
Kimoto, M., see Sugano, M. (72) 115
Kocher, O., see Hansson, G.K. (72) 135
Koistinen, A., see Tuomilehto, J. (72) 157
Koizumi, J., see Mabuchi, H. (72) 183
Krause, B.R., see McNally, W.P. (72) 221
Kubo, M., see Matsubara, K. (72) 199

Laplaud, P.M., see Meinertz, H. (72) 63
Lindén, T., see Bondjers, G. (72) 231
Lindqvist, P., Olsson, G., Nordborg, C., Bondjers, G., Bräutigam, J. and Östlund-Lindqvist, A.-M.
Atherosclerosis in rabbits identified as high and low responders to an atherogenic diet and the effect of treatment with a β_1-blocker (72) 163
Lojsthed, B., see Hansson, G.K. (72) 135
Lupu, C. and Calb, M.
Changes in the platelet surface charge in rabbits with experimental hypercholesterolemia (72) 77

Mabuchi, H., Fujita, H., Michishita, I., Takeda, M., Kajinami, K., Koizumi, J., Takeda, R., Takegoshi, T., Wakasugi, T., Ueda, K., Miyamoto, S., Watanabe, A. and Oota, M.
Effects of CS-514 (eptastatin), an inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase, on serum lipid and apolipoprotein levels in heterozygous familial hypercholesterolemic patients treated by low density lipoprotein (LDL)-apheresis (72) 183
Masuda, J., see Tanaka, K. (72) 143
Matsubara, K., Matsuzawa, Y., Jiao, S., Kihara, S., Takama, T., Nakamura, T., Tokunaga, K., Kubo, M. and Tarui, S.
Cholesterol-lowering effect of *N*-(α-methylbenzyl)linoleamide (melinamide) in cholesterol-fed diabetic rats (72) 199
Matsumoto, A., see Aburatani, H. (72) 71
Matsuo, T., see Sugano, M. (72) 115
Matsuzawa, Y., see Matsubara, K. (72) 199
Mattiello, A., see Scannapieco, G. (72) 241
McNally, W.P., Roth, M., Chang, T., Uhlendorf, P. and Krause, B.R.
Quantitative whole-body autoradiographic analysis of the tissue distribution of orally-administered [^{14}C]cholesterol in hypercholesterolemic rats (72) 221
Meinertz, H., Faergeman, O., Nilausen, K., Chapman, M.J., Goldstein, S. and Laplaud, P.M.
Effects of soy protein and casein in low cholesterol diets on plasma lipoproteins in normolipidemic subjects (72) 63
Michishita, I., see Mabuchi, H. (72) 183
Miyamoto, S., see Mabuchi, H. (72) 183
Mlekusch, W., see Vrecko, K. (72) 11
Mori, K., see Saito, Y. (72) 205
Morisaki, N., see Saito, Y. (72) 205
Mosconi, C., Colli, S., Tremoli, E. and Galli, C.
Phosphatidylinositol (PI) and PI-associated arachidonate are elevated in platelet total membranes of type IIa hypercholesterolemic subjects (72) 129
Mulder, C., see Schouten, J.A. (72) 85
Murano, S., see Saito, Y. (72) 205
Murase, T., see Aburatani, H. (72) 71
Mutoh, S., see Nomoto, A. (72) 213

Naito, C., see Saito, Y. (72) 205
Nakamura, T., see Matsubara, K. (72) 199
Nakashima, T., see Tanaka, K. (72) 143
Nakaya, N., see Saito, Y. (72) 205
Nikkari, T., see Solakivi, T. (72) 55
Nikkari, T., see Ylä-Herttuala, S. (72) 173
Nilausen, K., see Meinertz, H. (72) 63
Nishiide, T., see Saito, Y. (72) 205
Nishiyama, Y., see Tanaka, K. (72) 143
Nomoto, A., Mutoh, S., Hagihara, H. and Yamaguchi, I.
Smooth muscle cell migration induced by inflammatory cell products and its inhibition by a potent calcium antagonist, nilvadipine (72) 213
Nordborg, C., see Lindqvist, P. (72) 163
Nordestgaard, B.G. and Zilversmit, D.B.
Hyperglycemia in normotriglyceridemic, hypercholesterolemic insulin-treated diabetic rabbits does not accelerate atherogenesis (72) 37

Oksanen, H., see Ylä-Herttuala, S. (72) 173
Olofsson, S.-O., see Bondjers, G. (72) 231
Olsson, G., see Bondjers, G. (72) 231
Olsson, G., see Lindqvist, P. (72) 163
Oota, M., see Mabuchi, H. (72) 183
Orekhov, A.N., see Akopov, S.E. (72) 245
Östlund-Lindqvist, A.-M., see Lindqvist, P. (72) 163

Pagnan, A., see Scannapieco, G. (72) 241
Pauletto, P., see Scannapieco, G. (72) 241
Pearson, J.D., see Görög, P. (72) 19
Pesonen, E., see Ylä-Herttuala, S. (72) 173
Puska, P., see Solakivi, T. (72) 55

Radhakrishnamurthy, B., see Srinivasan, S.R. (72) 1
Rapola, J., see Ylä-Herttuala, S. (72) 173
Roth, M., see McNally, W.P. (72) 221

Saito, Y., Goto, Y., Nakaya, N., Hata, Y., Homma, Y., Naito, C., Hayashi, H., Ito, H., Yamamoto, M., Takeuchi, I., Mori, K., Hara, T., Yoshida, S., Shirai, K., Sasaki, N., Shinomiya, M., Murano, S., Morisaki, N., Nishiide, T., Kanzaki, T., Watanabe, N. and Ishikawa, T.
Dose-dependent hypolipidemic effect of an inhibitor of HMG-CoA reductase, pravastatin (CS-514), in hypercholesterolemic subjects. A double blind test (72) 205
Sakurai, I., see Tanaka, K. (72) 143
Salo, M.K., see Solakivi, T. (72) 55
Sasaki, N., see Saito, Y. (72) 205
Savilahti, E., see Ylä-Herttuala, S. (72) 173
Scannapieco, G., Pagnan, A., Pauletto, P., Mattiello, A., Biffanti, S., Jori, G. and Dal Palù, C.
Hematoporphyrin binding to cultured aortic smooth muscle cells from spontaneously atherosclerotic turkey (72) 241
Schouten, J.A., Beynen, A.C. and Mulder, C.
Pseudocholinesterase and VLDL: a reply to the letter by Cucuianu (Atherosclerosis 72 (1988) 83) (72) 85
Shinomiya, M., see Saito, Y. (72) 205
Shirai, K., see Saito, Y. (72) 205
Shozawa, T., see Tanaka, K. (72) 143
Silvasti, M., see Tuomilehto, J. (72) 157
Smirnov, V.N., see Akopov, S.E. (72) 245
Solakivi, T., Salo, M.K., Puska, P. and Nikkari, T.
Plasma apolipoprotein B in middle-aged Finnish men. Evidence for a regional gradient of apo B and lack of negative correlation between apo B and dietary linoleate in hyperapobetalipoproteinemia (72) 55
Soveri, T., see Ylä-Herttuala, S. (72) 173
Srinivasan, S.R., Vijayagopal, P., Eberle, K., Dalferes, Jr., E.R., Radhakrishnamurthy, B. and Berenson, G.S.
Low density lipoprotein binding affinity of arterial wall isomeric chondroitin sulfate proteoglycans (72) 1
Stemme, S., see Hansson, G.K. (72) 135
Sueishi, K., see Tanaka, K. (72) 143
Sugano, M., Yamada, Y., Yoshida, K., Hashimoto, Y., Matsuo, T. and Kimoto, M.
The hypocholesterolemic action of the undigested fraction of soybean protein in rats (72) 115

Takaku, F., see Aburatani, H. (72) 71
Takama, T., see Matsubara, K. (72) 199
Takeda, M., see Mabuchi, H. (72) 183
Takeda, R., see Mabuchi, H. (72) 183
Takegoshi, T., see Mabuchi, H. (72) 183
Takeuchi, I., see Saito, Y. (72) 205
Tanaka, K., Masuda, J., Imamura, T., Sueishi, K., Nakashima, T., Sakurai, I., Shozawa, T., Hosoda, Y., Yoshida, Y., Nishiyama, Y., Yutani, C. and Hatano, S.
A nation-wide study of atherosclerosis in infants, children and young adults in Japan (72) 143
Tarui, S., see Matsubara, K. (72) 199
Tertov, V.V., see Akopov, S.E. (72) 245
Tikkanen, M.J., see Helve, E. (72) 189
Tokunaga, K., see Matsubara, K. (72) 199
Tremoli, E., see Mosconi, C. (72) 129
Tuomilehto, J., Silvasti, M., Aro, A., Koistinen, A., Karttunen, P., Gref, C.-G., Ehnholm, C. and Uusitupa, M.
Long term treatment of severe hypercholesterolaemia with guar gum (72) 157

Ueda, K., see Mabuchi, H. (72) 183
Uhlendorf, P., see McNally, W.P. (72) 221
Uusitupa, M., see Tuomilehto, J. (72) 157

Viikari, J., see Ylä-Herttuala, S. (72) 173
Vijayagopal, P., see Srinivasan, S.R. (72) 1
Vrecko, K., Mlekusch, W. and Aloia, R.C.
Effect of skim milk and whey diets on plasma lipid levels of rabbits in a cross-over study (72) 11

Wakasugi, T., see Mabuchi, H. (72) 183
Watanabe, A., see Mabuchi, H. (72) 183
Watanabe, K., see Eto, M. (72) 123
Watanabe, N., see Saito, Y. (72) 205
Wiklund, O., see Bondjers, G. (72) 231

Yamada, N., see Aburatani, H. (72) 71
Yamada, Y., see Sugano, M. (72) 115
Yamaguchi, I., see Nomoto, A. (72) 213
Yamamoto, M., see Saito, Y. (72) 205
Ylä-Herttuala, S., Pesonen, E., Kaprio, E., Rapola, J., Soveri, T., Viikari, J., Savilahti, E., Oksanen, H. and Nikkari, T.
Effect of repeated endotoxin treatment and hypercholesterolemia on preatherosclerotic lesions in weaned pigs. Part II. Lipid and glycosaminoglycan analysis of intima and inner media (72) 173
Yoshida, K., see Sugano, M. (72) 115
Yoshida, S., see Saito, Y. (72) 205
Yoshida, Y., see Tanaka, K. (72) 143
Yutani, C., see Tanaka, K. (72) 143

Zilversmit, D.B., see Nordestgaard, B.G. (72) 37

Atherosclerosis, 72 (1988) 256–257
Elsevier Scientific Publishers Ireland, Ltd.

Subject Index (Vol. 72)

Acyl-CoA:cholesterol acyltransferase (72) 199
Adipose tissue (72) 55
Aorta (72) 163; (72) 173
Apo A-I (72) 63
Apo B (72) 63
Apolipoprotein (72) 183
Apolipoprotein B (72) 55; (72) 71
Apolipoprotein E4 (72) 123
Apolipoprotein E allele (72) 123
Apolipoproteins (72) 49; (72) 89; (72) 163
Arachidonic acid (72) 129
Arterial wall (72) 1
Atheroma (72) 29
Atherosclerosis (72) 11; (72) 19; (72) 37; (72) 89; (72) 135; (72) 143; (72) 163; (72) 173; (72) 213; (72) 231; (72) 241
Autopsy (72) 143

Calcium antagonist(s) (72) 213; (72) 245
Casein (72) 63
Cell culture (72) 245
Children (72) 143
Cholesterol (72) 37; (72) 157; (72) 245
Cholesterol distribution (72) 221
Cholesterol esterase (72) 109
Cholesterol-fed rat (72) 221
Cholesteryl ester fatty acids (72) 173
Cholesteryl esters (72) 173
Coronary artery (72) 163
Coronary by-pass surgery (72) 231
CS-514 (72) 183

Diabetes (72) 37
Diabetes mellitus (72) 199
Dietary fibre (72) 157
Dietary fish oil (72) 29
Drug therapy (72) 189

Eicosanoids (72) 29
Endothelial cells (72) 19
Escherichia coli endotoxin (72) 173
Esterification (72) 109

Familial hypercholesterolemia (72) 123; (72) 183; (72) 189
Fat-supplemented diet (72) 173
Ferritin (72) 77

Glycosaminoglycans (72) 173
Guar gum (72) 157

HDL subfractions (72) 49
Hematoporphyrin (72) 241
High and low responders (72) 163
HMG-CoA reductase inhibitor(s) (72) 205; (72) 189
Human aorta (72) 245
Hypercholesterolemia (72) 77; (72) 129; (72) 157
Hyperglycemia (72) 37
Hyperlipidemia (72) 71; (72) 89
Hyperlipoproteinaemia (72) 199

Immunocytochemistry (72) 135
Infants (72) 143
Inflammation (72) 213
Insulin (72) 37
Intima (72) 231
Ischemic heart disease (72) 123

LDL-apheresis (72) 183
LDL-cholesterol (72) 205
Linoleic acid (72) 55
Lipid-rich diet (72) 77
Lipids (72) 123; (72) 157; (72) 163; (72) 231
Lipoprotein binding affinity (72) 1
Lipoprotein-cholesterol (72) 49
Lipoprotein lipase (72) 37
Lipoproteins (72) 37; (72) 157; (72) 189; (72) 231; (72) 241
Liquid formula diet (72) 63
Liver cholesterol (72) 115
Lovastatin (72) 189
Low density lipoproteins (72) 1

Macrophage (72) 135
Melinamide (72) 199
Metoprolol (72) 163
MHC antigens (72) 135
Micellar solubility (72) 109
Migration (72) 213

Nation-wide study (72) 143
Non-familial hypercholesterolemia (72) 189

Phagocytosis (72) 19
Phospholipids (72) 129

0021-9150/88/$03.50 © 1988 Elsevier Scientific Publishers Ireland, Ltd.

Plasma fatty acids (72) 55
Plasma lipids (72) 11; (72) 55
Plasma lipoproteins (72) 11; (72) 63
Platelet membranes (72) 129
Platelet surface charge (72) 77
Platelet–vessel wall interactions (72) 29
Probucol (72) 189
Probucol administration (72) 49
Proliferation (72) 245
Prostacyclin (72) 245
Protease digestion (72) 115
Proteoglycans (72) 1

Rabbits (72) 11
RFLP (72) 71; (72) 89

Serum cholesterol (72) 115; (72) 205
Serum lipids (72) 183
Serum sickness (72) 29
Skim milk (72) 11
Smooth muscle cell (72) 135; (72) 213; (72) 241
Soybean protein (72) 115
Soy protein (72) 63
Sterol absorption (72) 109
Superoxide anion (72) 19

Thromboxane A_2 (72) 245
T lymphocyte (72) 135

Undigested peptides (72) 115

Whey (72) 11
Whole-body autoradiography (72) 221

Young adults (72) 143